Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John Hoffman (Reg # 26,280) on April 20 and May 5, 2011.

The application has been amended as follows:

Claim 1 (cancelled)

Claim 2 (currently amended): A method to optimize the use of resources of a public telecommunication network during the switching of an incoming call in parallel to a plurality of end devices of a single subscriber all having a uniform calling number that form a multiple-device configuration, comprising: before a call is delivered an intelligent call control of the public telecommunications network determines ~~at the same time and~~ in parallel the system statuses of said plurality of end devices in the multiple-device configuration being called or of identification chips connected to the end devices being called and of the switching facilities involved by polling databases of the end devices being called or the identification chips connected to the corresponding said end devices being called and mobility/profile databases assigned to the switching facilities involved; then – based on the data on the system statuses of the end devices being called or the identification chips connected to such end devices – attempting to deliver the call ~~at the same time and~~ in parallel to some or all of the end devices such that an optimal call delivery is performed, wherein only those call attempts promising success are initiated; in the case it can be derived from the data on the system status that an end device is free to receive a call, the call is first delivered and in the case the connection is not

used, the occupied line is released again to the origin of the connection; and in the case
the call has not been accepted, using the previously determined statuses of the end
devices being called or of the pertinent identification chips connected to the
corresponding end devices, optionally a direct connection is established to a desired
call forwarding target.

Claims 3-5 (cancelled)

Claim 6 (currently amended): A method to optimize the use of resources of a public
telecommunication network during the switching of an incoming call in parallel to a
plurality of end devices of a single subscriber all having a uniform calling number that
form a multiple-device configuration, comprising: before a call is delivered an intelligent
call control of the public telecommunications network determines at the same time and
in parallel the system statuses of said plurality of end devices in the multiple-device
configuration being called or of identification chips connected to the end devices being
called and of the switching facilities involved by polling databases of the end devices
being called or the identification chips connected to the corresponding end devices
being called and mobility/profile databases assigned to the switching facilities involved,
then – based on the data on the system statuses of the end devices being called or the
identification chips connected to such end devices – attempting to deliver the call at the
same time and in parallel to some or all of the end devices such that an optimal call
delivery is performed, wherein only those call attempts promising success are initiated,
initiated; in the case that it can be derived from the data on the system status that an
end device is free to receive a call, the call is first delivered and in the case the
connection is not used, the occupied line is released again to the origin of the
connection; and in the case the call has not been accepted, using the previously
determined statuses of the end devices being called or of the pertinent identification
chips connected to the corresponding end devices, optionally a direct connection is
established to a desired call forwarding target; wherein call forwarding is initiated in the
original switching facility by a central control based on the data from the evaluation of

the system ~~statues~~ <u>statuses</u> of all said end devices being called or of the identification chips connected to the end devices being called.

Claim 7 (currently amended): A method to optimize the use of resources of a public telecommunication network during the switching of an incoming call in parallel to a plurality of end devices of a single subscriber all having a uniform calling number that form a multiple-device configuration, comprising: before a call is delivered an intelligent call control of the public telecommunications network determines ~~at the same time and~~ in parallel the system statuses of said plurality of end devices being called in the multiple-device configuration or of identification chips connected to the end devices being called and of the switching facilities involved by polling databases of the end devices being called or the identification chips connected to the corresponding end devices being called and mobility/profile databases assigned to the switching facilities involved, then – based on the data on the system statuses of the end devices being called or the identification chips connected to such end devices – attempting to deliver the call ~~at the same time and~~ in parallel to some or all of the end devices such that an optimal call delivery is performed, wherein only those call attempts promising success are ~~initiated,~~ <u>initiated; in the case that it can be derived from the data on the system status that an end device is free to receive a call, the call is first delivered and in the case the connection is not used, the occupied line is released again to the origin of the connection; and in the case the call has not been accepted, using the previously determined statuses of the end devices being called or of the pertinent identification chips connected to the corresponding end devices, optionally a direct connection is established to a desired call forwarding target;</u> wherein the profile data of the mobility/profile database of the identification chip connected to one end device is synchronized with the profile data of the mobility/profile databases of the identification chips connected to the other end devices.

Claim 8 (previously presented): A method according to claim 2, wherein during forwarding of a call to an end device a certain occupancy of resources required to

complete the call results from the type of the desired call, wherein before the call is delivered, an intelligent call control determines the system status of at least one said end device being called or of the identification chip connected to the at least one end device and of the switching facility or facilities involved.

Claim 9 (previously presented): The method according to claim 8, wherein the system status of at least one said end device and of the at least one switching facility is determined by polling the mobility/profile databases of the at least one end device or of the identification chip connected to the at least one end device and of the at least one switching facility involved.

Claim 10 (previously presented): The method according to claim 9, wherein an optimal call delivery is derived from the data on the system status of at least one said end device being called, or of the identification chip connected to the at least one end device in such a manner that only call attempts that promise success with the associated occupancy of the corresponding network resources are initiated.

Claim 11 (previously presented): The method according to claim 8, wherein, using the previously determined information, any call attempts expected to fail are eliminated before the actual call delivery.

Claims 12 and 13 (cancelled)

Claim 14 (previously presented): The method according to claim 8, wherein the call forwarding is initiated in the original switching facility by at least one central control based on data from the evaluation of the system status of at least one said end device being called or of the identification chip connected to the at least one end device.

Claim 15 (previously presented): The method according to claim 8, wherein profile data of the mobility/profile database of the identification chip connected to the at least one

end device is synchronized with profile data of the mobility/profile databases of other
identification chips connected to the other end devices of a subscriber.

Claims 16-20 (cancelled)

Reasons for Allowance

The following is a statement of reasons for the indication of allowable subject
matter: The prior art of record neither anticipate or rendered obvious the subject matter
as claimed in the application.

Claim 2 recites:
A method to optimize the use of resources of a public telecommunication network
during the switching of an incoming call in parallel to a plurality of end devices of a
single subscriber all having a uniform calling number that form a multiple-device
configuration, comprising: before a call is delivered an intelligent call control of the
public telecommunications network determines in parallel the system statuses of said
plurality of end devices in the multiple-device configuration being called or of
identification chips connected to the end devices being called and of the switching
facilities involved by polling databases of the end devices being called or the
identification chips connected to the corresponding said end devices being called and
mobility/profile databases assigned to the switching facilities involved; then – based on
the data on the system statuses of the end devices being called or the identification
chips connected to such end devices – attempting to deliver the call in parallel to some
or all of the end devices such that an optimal call delivery is performed, wherein only
those call attempts promising success are initiated; in the case it can be derived from
the data on the system status that an end device is free to receive a call, the call is first
delivered and in the case the connection is not used, the occupied line is released again
to the origin of the connection; and in the case the call has not been accepted, using the
previously determined statuses of the end devices being called or of the pertinent

identification chips connected to the corresponding end devices, optionally a direct connection is established to a desired call forwarding target.

Claim 6 recites:

A method to optimize the use of resources of a public telecommunication network during the switching of an incoming call in parallel to a plurality of end devices of a single subscriber all having a uniform calling number that form a multiple-device configuration, comprising: before a call is delivered an intelligent call control of the public telecommunications network determines in parallel the system statuses of said plurality of end devices in the multiple-device configuration being called or of identification chips connected to the end devices being called and of the switching facilities involved by polling databases of the end devices being called or the identification chips connected to the corresponding end devices being called and mobility/profile databases assigned to the switching facilities involved, then – based on the data on the system statuses of the end devices being called or the identification chips connected to such end devices – attempting to deliver the call in parallel to some or all of the end devices such that an optimal call delivery is performed, wherein only those call attempts promising success are initiated; in the case that it can be derived from the data on the system status that an end device is free to receive a call, the call is first delivered and in the case the connection is not used, the occupied line is released again to the origin of the connection; and in the case the call has not been accepted, using the previously determined statuses of the end devices being called or of the pertinent identification chips connected to the corresponding end devices, optionally a direct connection is established to a desired call forwarding target; wherein call forwarding is initiated in the original switching facility by a central control based on the data from the evaluation of the system statuses of all said end devices being called or of the identification chips connected to the end devices being called.

Claim 7 recites:

A method to optimize the use of resources of a public telecommunication network during the switching of an incoming call in parallel to a plurality of end devices of a single subscriber all having a uniform calling number that form a multiple-device configuration, comprising: before a call is delivered an intelligent call control of the public telecommunications network determines in parallel the system statuses of said plurality of end devices being called in the multiple-device configuration or of identification chips connected to the end devices being called and of the switching facilities involved by polling databases of the end devices being called or the identification chips connected to the corresponding end devices being called and mobility/profile databases assigned to the switching facilities involved, then – based on the data on the system statuses of the end devices being called or the identification chips connected to such end devices – attempting to deliver the call in parallel to some or all of the end devices such that an optimal call delivery is performed, wherein only those call attempts promising success are initiated; in the case that it can be derived from the data on the system status that an end device is free to receive a call, the call is first delivered and in the case the connection is not used, the occupied line is released again to the origin of the connection; and in the case the call has not been accepted, using the previously determined statuses of the end devices being called or of the pertinent identification chips connected to the corresponding end devices, optionally a direct connection is established to a desired call forwarding target; wherein the profile data of the mobility/profile database of the identification chip connected to one end device is synchronized with the profile data of the mobility/profile databases of the identification chips connected to the other end devices.

The prior art of record neither anticipate or rendered obvious the subject matter as claimed in claims 2, 6-7. They are therefore allowable subject matter. Claims 8-11, 14-15 depend to their respective base claims and are allowable with the same reason set forth in their independent claims.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to QUN SHEN whose telephone number is (571)270-7927. The examiner can normally be reached on 9:30 am - 6:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jinsong Hu can be reached on 571-272-3965. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/QUN SHEN/
Examiner, Art Unit 2617

/Jinsong Hu/

Supervisory Patent Examiner, Art Unit 2617